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FAX COVER SHEET

TO	{U.S. Patent & Trademark Office} via j2
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FAX NUMBER	15712738300
FROM	Salvatore Arrigo
DATE	2008-02-01 21:14:35 GMT
RE	09/658,862

COVER MESSAGE

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FEB 01 2008

PATENT
Customer No: 76,392

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
)	
Campbell et al.)	Group Art Unit: 1632
)	
Application No. 09/658,862)	Examiner: D. Crouch
)	
Filed: September 8, 2000)	Confirmation No.: 2555
)	
For: Unactivated Oocytes As Cytoplasm)	
Recipients for Nuclear Transfer)	

CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being facsimile transmitted to the
United States Patent & Trademark Office, Fax No. (571) 273-8300 on 2/1/2008.

By: _____

Salvatore J. Arrigo
Registration No. 46,063
Telephone: 202.772.7701
Facsimile: 888.866.4907
E-mail: sal@arrigo.us

**RECEIVED
CENTRAL FAX CENTER****FEB 01 2008****PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:)
)
Campbell et al.) Group Art Unit: 1632
)
Application Nos.:) Examiner: D. Crouch
)
09/658,862 (filed 09/08/2000))
11/068,903 (filed 03/02/2005))
11/544,038 (filed 10/06/2006))
)
For: Unactivated Oocytes as Cytoplasmic)
Recipients for Nuclear Transfer)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

**REVOCATION OF POWER OF ATTORNEY
STATEMENT UNDER 37 C.F.R. § 3.73(b)
CORRESPONDENCE ADDRESS CHANGE
AND GRANT OF NEW POWER OF ATTORNEY**

The undersigned, a representative authorized to sign on behalf of the assignee owning all of the interest in the patent applications identified above, hereby revokes all previous powers of attorney or authorization of agent granted in these applications before the date of execution hereof.

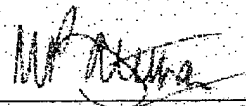
The undersigned verifies that Roslin Institute (Edinburgh) is the assignee of the entire right, title, and interest in the patent applications identified above by virtue of an assignment from the inventors to Roslin Institute (Edinburgh), recorded in the U.S. Patent and Trademark Office at Reel 8582, Frames 0263-0264 (copy attached); an assignment from Roslin Institute (Edinburgh) to the Roslin Institute (Edinburgh), the

Ministry for Agriculture Fisheries and Food ("MAFF"), and the Biotechnology and Biological Sciences Research Council ("BBSRC"), recorded in the U.S. Patent and Trademark Office at Reel 9220, Frames 0250-0256 (copy attached); and an assignment from Roslin Institute (Edinburgh), the Secretary of State for Environment, Food & Rural Affairs acting through the Department for the Environment, Food & Rural Affairs, formerly known as MAFF, and the BBSRC to the Roslin Institute (Edinburgh), recorded in the U.S. Patent and Trademark Office at Reel 017336, Frame 0136 (copy attached).

The undersigned representative of the assignee hereby grants its power of attorney to the patent practitioners associated with **Law Office of Salvatore Arrigo, Customer Number 76,392**, to prosecute these applications and to transact all business in the Patent and Trademark Office connected therewith, and to receive the Letters Patent.

Please change the correspondence address for the above-identified applications to the address associated with Customer No. 76,392.

Dated: 15th Jan 2008

By: 
Name: Malcolm Gorman
Title: Director of Finance
Assignee: Roslin Institute (Edinburgh)

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FEB 01 2008

MRD 5-29-98

06-10-1998

FORM PTO-159a
1-31-92

DOCKET NO.: 2980-003



100733314

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks

Original documents or copy thereto:

1. Name of conveying party(ies):

ROSLIN INSTITUTE (EDINBURGH)

Additional name(s) of conveying party(ies) attached? Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: March 26, 1998 and April 7, 1998

2. Name and address of receiving party(ies):

Name: Roslin Institute (Edinburgh)

Internal Address:

Street Address: Roslin

City: Midlothian EH25 9PS State/Country: GREAT BRITAIN ZIP:

Additional name(s) & address(es) attached? ☒ Yes ☐ No

4. Application number(s) or patent number(s):

If the document is being filed together with a new application, the execution date of the application is:

A. Patent / application No(s). 08/803,165, filed February 19, 1997

B. Patent No(s).

Additional numbers attached? Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Gilberto M. Villacorta, PEPPER HAMILTON LLP

Internal Address:

Street Address: 1300 Nineteenth St., N.W.

City: Washington, D.C. State: ZIP: 20036

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

50-0436

06/08/1998 INBUTEN 00000171 300438 00003183

01 FC:58 40.00 CH

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9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Gilberto M. Villacorta, 34,038
Name and Registration No. of Person Signing

Signature

May 29, 1998
Date

Total number of pages comprising cover sheet: 2

CMB No. 0851-0011 (exp. 4/94)

Document # 71087

PATENT
REEL: 9220 FRAME: 0250

DOCKET NO.: 2980-003

Continuation of Recordation Cover Sheet, Item # 2:

**The Minister of Agriculture, Fisheries and Food
Nobel House
17 Smith Square
London, SW1P 3JR**

**Biotechnology and Biological Sciences Research Council
Polaris House
North Star Avenue
Swindon, SN2 1UH**

**PATENT
REEL: 9220 FRAME: 0251**

PATENT ASSIGNATION

by

(1) ROSLIN INSTITUTE (EDINBURGH),

in favour of

**ROSLIN INSTITUTE (EDINBURGH); THE MINISTER OF AGRICULTURE,
FISHERIES AND FOOD; and BIOTECHNOLOGY and BIOLOGICAL SCIENCES
RESEARCH COUNCIL**

1998

**Wright Johnston & Mackenzie
Solicitors
12 St Vincent Place
Glasgow G1 2EQ**

(Ref: A00020016/KMC/JCH)

**PATENT
REEL: 9220 FRAME: 0252**

PATENT

by



- (1) **ROSLIN INSTITUTE**
incorporated under the Companies Act 1948 as a
company limited by guarantee with registered number 157100 and having its registered office at Roslin, Midlothian, Edinburgh (the "Assignor")

in favour of

- (2) **ROSLIN INSTITUTE (EDINBURGH)**
incorporated under the Companies Act 1948 as a
company limited by guarantee with registered number 157100 and having its registered office at Roslin, Midlothian, EH25 9PS and **THE MINISTER OF AGRICULTURE, FISHERIES AND FOOD** of Nobel House, 17 Smith Square, London, SW1P 3JR acting through the Ministry of Agriculture, Fisheries and Food; and **BIOTECHNOLOGY and BIOLOGICAL SCIENCES RESEARCH COUNCIL**, whose principal office is at Polaris House, North Star Avenue, Swindon, SN2 1UH (collectively referred to as "the Assignees")

WHEREAS

- (A) The Assignor is the proprietor of the Patent Applications set out in the Schedule annexed and executed as relative hereto (the "Patent Applications");
- (B) The Assignor has agreed to assign the Patent Applications to the Assignees; and
- (C) The Assignees have agreed to hold the Patent Applications and any granted patents issuing from such applications subject to a Co-Ownership Agreement to be entered into of even date herewith by the parties to this Agreement.

NOW IT IS HEREBY AGREED as follows:-

I. Assignment

The Assignor hereby assigns to the Assignees as joint owners the entire right, title and interest of the Assignor in and to the Patent Applications and any patents or other similar forms of protection granted pursuant to the Patent Applications together with the right to recover and to take all such proceedings as may be necessary for the

PATENT
REEL: 9220 FRAME: 0253

2

recovery of damage and other forms or relief in respect of all infringements of the Patent Applications whether taking place before or after the date of this Assignment.

2. Further Assurance

Each party agrees generally to sign, seal, execute and deliver all documents, deeds, licences and agreements and to do all acts and things which may be required or may be deemed necessary that any party for giving effect to this Assignment including, without limitation, entry into instruments confirmatory of such rights for registration with appropriate authorities anywhere in the world.

3. Governing Law

This Agreement shall be governed by Scots Law and the parties agree to submit to the non exclusive jurisdiction of the Scottish Courts: IN WITNESS WHEREOF these presents consisting of this and the preceding page together with the Schedule annexed hereto are executed as follows:-

Subscribed for and on behalf of BIOTECHNOLOGY AND BIOLOGICAL SCIENCES RESEARCH COUNCIL by Scott McGregor Lawrie their duly authorised signatory at London on 26th March 1998 before the following witness:-

Witness: Justine A Strong
Full Name: JUSTINE ANN STRONG
Address: 12. ST VINCENT PLACE
GLASGOW
Occupation: TRAINEE SOLICITOR

Scott McGregor Lawrie
Authorised Signatory

Subscribed for and on behalf of THE MINISTER OF AGRICULTURE, FISHERIES AND FOOD by Dr Anthony Richard Burne, duly authorised signatory at London on 26th March 1998 before the following witness:-

Witness: Marylyn Wicks
Full Name: MRS MARYLYN WICKS
Address: ST. CHRISTOPHER HOUSE
SOUTHWARK ST, LONDON
Occupation: CIVIL SERVANT.

Dr Anthony Richard Burne
Authorised Signatory

PATENT

REEL: 9220 FRAME: 0254

3

Subscribed for and on behalf of ROSLIN INSTITUTE (EDINBURGH) by Professor
Grahame John Bulfield, Director and Chief Executive, at Roslin on 7th April
1992 before the following witness:-

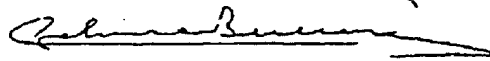
Witness: Cian A. Noh

Full Name: CLARE ANNE NELSON

Address: 12 ST. VINCENT PLACE

GLASGOW

Occupation: SOLICITOR



PATENT
REEL: 9220 FRAME: 0255

This is the Schedule referred to in the Assignment by (1) Roslin Institute (Edinburgh) in favour of (2) Roslin Institute (Edinburgh); The Minister of Agriculture, Fisheries and Food; and Biotechnology and Biological Sciences Research Council

1. Unactivated Oocytes and Cytoplasm Recipients for Nuclear Transfer (MAGIC)

Filing Date	Priority Date	Country	Application No
30 th August 1996	31 st August 1995	International	PCT/GB96/02098
30 th August 1996	31 st August 1995	South Africa	96/7383
30 th August 1996	31 st August 1995	USA	08/803,165

International Patent Application - proceeding in:

Czech Republic, Hungary, Norway, Poland, Russian Federation, Ukraine, Canada, Brazil, Mexico, Cuba, Australia, China, Israel, Japan, Republic of Korea, New Zealand, Singapore, Vietnam, United Kingdom, Hong Kong, Europe (Austria, Belgium, Switzerland/Liechtenstein, Germany, Denmark, Spain, Finland, France, United Kingdom, Greece, Ireland, Italy, Luxembourg, Monaco, Netherlands, Portugal, Sweden).

2. Quiescent Cell Populations for Nuclear Transfer (Quiescence)

Filing Date	Priority Date	Country	Application No
30 th August 1996	31 st August 1995	International	PCT/GB96/02099
30 th August 1996	31 st August 1995	South Africa	96/7390
30 th August 1996	31 st August 1995	USA	08/802,282

International Patent Application - proceeding in:

Czech Republic, Hungary, Norway, Poland, Russian Federation, Ukraine, Canada, Brazil, Mexico, Cuba, Australia, China, Israel, Japan, Republic of Korea, New Zealand, Singapore, Vietnam, United Kingdom, Hong Kong, Europe (Austria, Belgium, Switzerland/Liechtenstein, Germany, Denmark, Spain, Finland, France, United Kingdom, Greece, Ireland, Italy, Luxembourg, Monaco, Netherlands, Portugal, Sweden).

Scott M. Levine

[Signature]

RECORDED: 05/29/1998

PATENT

REEL: 9220 FRAME: 0256

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07-14-1997



100454558

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof:

<p>1. Name of conveying party(ies): Keith Henry Stockman ("AMPHELI" and Ian WILLIOT</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		<p>2. Name and address of receiving party(ies): Name: <u>Roslin Institute (Edinburgh)</u> Internal Address: Street Address: <u>Roslin</u> City: <u>Midlothian EH25 9J'S</u> State/Country: <u>GREAT BRITAIN</u> ZIP: Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date: <u>May 13, 1997</u></p>			
<p>4. Application number(s) or patent number(s): If the document is being filed together with a new application, the execution date of the application is: A. Patent Application No(s): <u>08/803,165</u>, filed February 19, 1997. B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>			
<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>LOWE PRICE LEBLANC & BELKER</u> Internal Address: Street Address: <u>99 Canal Center Plaza, Suite 300</u> City: <u>Alexandria</u> State: <u>VA</u> ZIP: <u>22314</u></p>		<p>6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41) <u>\$20.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>12-2237</u></p>	
DO NOT USE THIS SPACE			
<p>9. Statement and signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i></p> <p><u>Robert L. Price, 22,685</u> <u>Robert L. Price</u> <u>June 30, 1997</u> Name and Registration No. of Person Signing Signature Date</p> <p>Total number of pages comprising cover sheet: <u>1</u></p>			

(MB No. 0851-0011 (exp. 4/94))

07/10/1997 TTON11 00000035 DAN:122237 08803165
01 FC:581 40.00 CH

PATENT
REEL: 8582 FRAME: 0263

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Rocket No.: 2980-003

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) Keith Henry Stockman Campbell
(2) Ian Wilmut
(3) _____

(4) _____
(5) _____
(6) _____

who have made a certain new and useful invention, hereby sell, assign and transfer unto

Roslin Institute (Edinburgh), Roslin, Midlothian EH25 9PS, Great Britain

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

(a) for which an application for United States Letters Patent was filed on February 19, 1997, and identified by United States Serial No. 08/803,165; or

(b) for which an application for United States Letters Patent was executed on May 13th 1997

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS

DATE SIGNED

1) Name: Keith Henry Stockman Campbell
2) Name: Ian Wilmut
3) Name: _____
4) Name: _____
5) Name: _____
6) Name: _____

13.05.97.
May 13 1997

RECORDED: 06/30/1997

PATENT
REEL: 8582 FRAME: 0264

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MARCH 21, 2006

PTAS
FINNEGAN, HENDERSON, FARABOW, GARRETT &
LLP
901 NEW YORK AVENUE, NW
WASHINGTON, DC 20001-4413

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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 03/14/2006

REEL/FRAME: 017336/0136
NUMBER OF PAGES: 10BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 9960.0002-02ASSIGNOR:
ROSLIN INSTITUTE (EDINBURGH)

DOC DATE: 06/30/2003

ASSIGNOR:
SECRETARY OF STATE FOR
ENVIRONMENT, FOOD & RURAL
AFFAIRS

DOC DATE: 06/30/2003

ASSIGNOR:
BIOTECHNOLOGY AND BIOLOGICAL
SCIENCES RESEARCH COUNCIL
(BBSRC)

DOC DATE: 05/22/2003

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3/21/06 5:26 PAGE 003/008 Fax Server

017336/0136 PAGE 2

ASSIGNEE:

ROS LIN (EDINBURGH)
ROS LIN
MIDLOTHIAN, EH25 9PS, UNITED
KINGDOM

SERIAL NUMBER: 08802282 FILING DATE: 02/19/1997
PATENT NUMBER: 6147276 ISSUE DATE: 11/14/2000
TITLE: QUIESCENT CELL POPULATIONS FOR NUCLEAR TRANSFER IN THE PRODUCTION
OF NON-HUMAN MAMMALS AND NON-HUMAN MAMMALIAN EMBRYOS

SERIAL NUMBER: 08803165 FILING DATE: 02/19/1997
PATENT NUMBER: 6252133 ISSUE DATE: 06/26/2001
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS OF NUCLEI FROM
QUIESCENT AND NON-QUIESCENT CELLS WHILE MAINTAINING CORRECT PLOIDY

SERIAL NUMBER: 09225233 FILING DATE: 01/04/1999
PATENT NUMBER: ISSUE DATE:
TITLE: QUIESCENT CELL POPULATIONS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 09658862 FILING DATE: 09/08/2000
PATENT NUMBER: ISSUE DATE:
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 09650194 FILING DATE: 08/29/2000
PATENT NUMBER: ISSUE DATE:
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 09650285 FILING DATE: 08/29/2000
PATENT NUMBER: 6525243 ISSUE DATE: 02/25/2003
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS OF QUIESCENT CELL
NUCLEI WHILE MAINTAINING CORRECT PLOIDY

SERIAL NUMBER: 09973701 FILING DATE: 10/11/2001
PATENT NUMBER: ISSUE DATE:
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 09989125 FILING DATE: 11/21/2001
PATENT NUMBER: ISSUE DATE:
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 09989128 FILING DATE: 11/21/2001
PATENT NUMBER: ISSUE DATE:
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 09989126 FILING DATE: 11/21/2001
PATENT NUMBER: ISSUE DATE:
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 10118337 FILING DATE: 04/09/2002

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TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

017336/0136 PAGE 3

SERIAL NUMBER: 10151304 FILING DATE: 05/21/2002
PATENT NUMBER: ISSUE DATE:
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 10151305 FILING DATE: 05/21/2002
PATENT NUMBER: ISSUE DATE:
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 10190611 FILING DATE: 07/09/2002
PATENT NUMBER: ISSUE DATE:
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 10190617 FILING DATE: 07/09/2002
PATENT NUMBER: ISSUE DATE:
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 10234854 FILING DATE: 09/05/2002
PATENT NUMBER: ISSUE DATE:
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 10914161 FILING DATE: 08/10/2004
PATENT NUMBER: ISSUE DATE:
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 10915338 FILING DATE: 08/11/2004
PATENT NUMBER: ISSUE DATE:
TITLE: QUIESCENT CELL POPULATIONS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 10909845 FILING DATE: 08/03/2004
PATENT NUMBER: ISSUE DATE:
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 11068903 FILING DATE: 03/02/2005
PATENT NUMBER: ISSUE DATE:
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 08802282 FILING DATE: 02/19/1997
PATENT NUMBER: 6147276 ISSUE DATE: 11/14/2000
TITLE: QUIESCENT CELL POPULATIONS FOR NUCLEAR TRANSFER IN THE PRODUCTION
OF NON-HUMAN MAMMALS AND NON-HUMAN MAMMALIAN EMBRYOS

SERIAL NUMBER: 08803165 FILING DATE: 02/19/1997
PATENT NUMBER: 6252133 ISSUE DATE: 06/26/2001
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS OF NUCLEI FROM
QUIESCENT AND NON-QUIESCENT CELLS WHILE MAINTAINING CORRECT PLOIDY

SERIAL NUMBER: 09650285 FILING DATE: 08/29/2000

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TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS OF QUIESCENT CELL
NUCLEI WHILE MAINTAINING CORRECT PLOIDY

017336/0136 PAGE 4

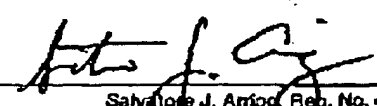
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ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

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RECORDATION COVER SHEET PATENTS ONLY		U.S. Department of Commerce Patent and Trademark Office Attorney Docket No. 0960.0002-02 Attorney Customer Number: 22,852	
To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.		Mail Stop Assignment Recordation Services	
1. Name of conveying party(ies): (1) Roslin Institute (Edinburgh) (Dated: June 30, 2003)		2. Name and address of receiving party(ies): Name: Roslin (Edinburgh)	
Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No See Attachment A		Internal Address: Roslin	
3. Nature of conveyance:		Street Address:	
<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger	City: Midlothian, EH26 9PS	
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name	State: The United Kingdom	Zip Code: [Text]
<input type="checkbox"/> Joint Research Agreement	<input type="checkbox"/> Government Interest Assignment	Additional name(s) & Address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Executive Order 9494, Confirmatory License	<input type="checkbox"/> Other:		
Execution Date: [Date(s)]: (1) June 30, 2003 (2) June 10, 2003 (3) May 22, 2003			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application: [Type appropriate information]			
A. Patent Application Number(s): 08/802,282 08/803,185		B. Patent Number(s): 6,147,276 6,262,138 6,525,243	
Additional numbers attached? <input checked="" type="checkbox"/> Yes See Attachment B <input type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of applications and patents involved: 23	
Name:		7. Total fee (37 CFR 1.21(h) and 3.41): \$40	
Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & OUNNER, L.L.P.		<input type="checkbox"/> Enclosed (Please charge deficiency or credit overpayment to deposit account 06-0918)	
Street Address: 801 New York Avenue, N.W.		<input checked="" type="checkbox"/> Authorized to be charged to deposit account	
City: Washington, D.C.			
State: Zip: 20001-4418		8. Deposit Account No.: 06-0918	
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.			
Signed:  Salvatore J. Arrigo Reg. No. 48,083		3/14/06 Date	
Total number of pages including cover sheet, attachments and documents: 10			

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1. (continued) Attachment A: Additional Conveying Parties

- (2) Secretary of State for Environment, Food & Rural Affairs (Dated: June 10, 2003)**
("The Secretary of State") acting through the
Department for the Environment, Food & Rural Affairs ("DEFRA")
formerly known as the Ministry for Agriculture Fisheries and Food ("MAFF")
- (3) Biotechnology and Biological Sciences Research Council ("BBSRC")**
(Dated: May 22, 2003)

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4. (continued) Attachment B Patent Application Nos.

A. U.S. Patent Application/Serial No.

09/225,233
09/658,862
09/650,194
09/650,285
09/973,701
09/989,125
09/989,128
09/989,128
10/118,337
10/151,304
10/151,305
10/190,611
10/190,617
10/234,854
10/914,161
10/915,338
10/909,845
11/068,903